## Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

## Listing of Claims

- (Original) A pharmaceutical composition comprising an alpha 1-antitrypsin (AAT), a stabilizing carbohydrate, a surfactant and an antioxidant, wherein the AAT is a native AAT, a recombinant AAT, or an AAT variant.
- 2. (Original) The composition of claim 1, wherein the composition is in a form suitable for administration to a patient via inhalation therapy.
- 3. (Original) The composition of claim 2, wherein the composition is formulated as a powder.
- 4. (Original) The composition of claim 2, wherein the composition is formulated as a liquid that can be nebulized
- 5. (Original) The composition of claim 1, wherein the AAT is a native AAT.
- 6. (Original) The composition of claim 1, wherein the AAT is a recombinant AAT.
- (Original) The composition of claim 1, wherein the AAT is an AAT variant.
- 8. (Original) The composition of claim 1, wherein the AAT is glycosylated.
- (Original) The composition of claim 1, wherein the AAT is unglycosylated.
- 10. (Original) The composition of claim 1, wherein the stabilizing carbohydrate is selected from the group consisting of lactose, sucrose, trehalose, raffinose, maltodextrin and mannitol.
- 11. (Original) The composition of claim 10, wherein the stabilizing carbohydrate is trehalose.
- 12. (Original) The composition of claim 1, wherein the antioxidant is selected from the group consisting of methionine, glutathione, cysteine, ascorbic acid and N-acetyl cysteine.
- 13. (Original) The composition of claim 3, wherein the AAT, carbohydrate, surfactant and antioxidant are present in amounts such that if the powder is solubilized in aqueous solution for administration to a patient the AAT concentration is 1-100 mg/ml, the carbohydrate concentration is 1-5% (w/v), the surfactant concentration is 0.01-0.5% (w/v), and the antioxidant concentration is 1-10 mM.
- 14. (Original) The composition of claim 13, wherein the AAT concentration is 10-50 mg/ml.
- 15. (Original) The composition of claim 4, wherein the AAT concentration is 1-100 mg/ml,

the carbohydrate concentration is 1-5% (w/v), the surfactant concentration is 0.01-0.5% (w/v), and the antioxidant concentration is 1-10 mM.

- 16. (Original) The composition of claim 15, wherein the AAT concentration is 10-50 mg/ml.
- 17. (Original) The composition of claim 3, further comprising a buffer and wherein.(a) the carbohydrate is trehalose and the antioxidant is methionine; and(b) the AAT, trehalose surfactant and methionine are present in amounts such that if the powder is solubilized in aqueous solution for administration to a patient (i) the AAT concentration is 10-50 mg/ml, (ii) the trehalose concentration is 10-50 mg/ml, (iii) the surfactant concentration is 0.01-0.5% (w/v), and (iv) the methionine concentration is 1-10 mM.
- 18. (Original) The composition of claim 4, further comprising a buffer and wherein(a) the AAT concentration is 10-50 mg/ml;(b) the carbohydrate is trehalose and its concentration is 10-50 mg/ml;(c) the surfactant concentration is 0.01-0.5% (w/v); and(d) the antioxidant is methionine and its concentration is 1-10 mM.
- 19. (Original) A pharmaceutical composition, comprising a recombinant alpha 1-antitrypsin (AAT), a stabilizing carbohydrate and at least one additional stabilizing agent selected from the group consisting of a surfactant and an antioxidant, wherein the AAT/carbohydrate ratio (weight: weight) is 1:1 to 5:1, and further wherein the AAT is a native AAT, a recombinant AAT, or an AAT variant.
- 20. (Original) The composition of claim 19, wherein the ratio is 1:1 to 2:1.
- 21. (Original) The composition of claim 19, wherein the stabilizing carbohydrate is trehalose.
- 22. (Original) The composition of claim 19, wherein the composition comprises the surfactant.
- 23. (Original) The composition of claim 19, wherein the composition comprises the antioxidant.
- 24. (Original) The composition of claim 19, wherein the composition comprises both the surfactant and the antioxidant.
- 25. (Original) The composition of claim 24, wherein the surfactant is Polysorbate 80 and the antioxidant is methionine.
- 26. (Original) The composition of claim 19, wherein the composition is formulated as a solid.
- $27. \ ({\rm Original})$  The composition of claim 19, wherein the composition is formulated as a liquid.
- 28. (Original) The composition of claim 1, wherein the AAT is a native AAT.
- 29. (Original) The composition of claim 1, wherein the AAT is a recombinant AAT.
- 30. (Original) The composition of claim 1, wherein the AAT is an AAT variant.

- 31. (Original) The composition of claim 1, wherein the AAT is glycosylated.
- 32. (Original) The composition of claim 1, wherein the AAT is unglycosylated.
- 33-68. (Canceled)